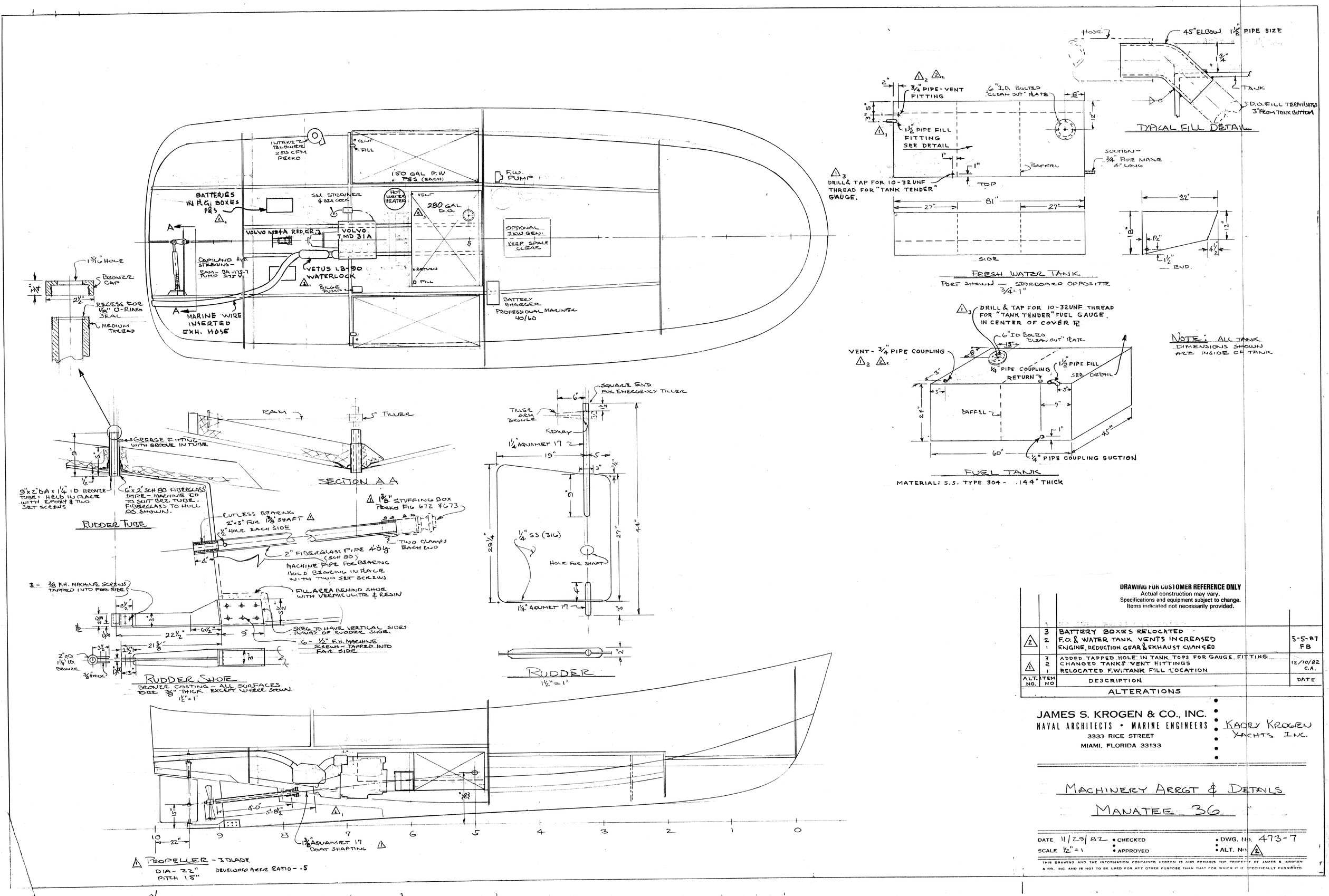
INTAKE & BLOWER 250 CFM PEERCO
VENT
FILL
150 GAL F.W. P&S (EACH)
F.W. PUMP
BATTERIES IN H.G. BOXES P&S
SW. STRAINER & SEA COCK
HOT WATER HEATER
VENT
280 GAL D.O.
VOLVO M84A RED. GR.
VOLVO TMD 31A
OPTIONAL 3KW GEN.
KEEP SPACE CLEAR
CAPILANO HYD. STEERING - RAM - BA-115-7 PUMP 275 V
VETUS LB-90 WATERLOCK
BILGE PUMP
RETURN
D FILL
BATTERY CHARGER PROFESSIONAL MARINER 40/60
MARINE WIRE INSERTED EXH. HOSE
1 5/16" HOLE
BRONZE CAP
RECESS FOR 1/8" O-RING SEAL
MEDIUM THREAD
RAM
TILLER
GREASE FITTING WITH GROOVE IN TUBE
SECTION A A
9" x 2" DIA x 1 1/4" ID BRONZE TUBE - HELD IN PLACE WITH EPOXY & TWO SET SCREWS
6" x 2" SCH 80 FIBERGLASS PIPE - MACHINE ID TO SUIT BRZ. TUBE. FIBERGLASS TO HULL AS SHOWN.
RUDDER TUBE
CUTLESS BEARING 2" x 5" FOR 1 3/8" SHAFT
1/2" HOLE EACH SIDE
1 3/8" STUFFING BOX PERKO FIG 672 & 673
TWO CLAMPS EACH END
2" FIBERGLASS PIPE 4' lg. (SCH 80)
MACHINE PIPE FOR BEARING HOLD BEARING IN PLACE WITH TWO SET SCREWS
FILL AREA BEHIND SHOE WITH VERMICULITE & RESIN
3 - 3/8 F.H. MACHINE SCREWS TAPPED INTO FAIR SIDE
SKEG TO HAVE VERTICAL SIDES IN WAY OF RUDDER SHOE.
6 - 1/2" F.H. MACHINE SCREWS - TAPPED INTO FAIR SIDE
2" OD 1 1/4" ID BRONZE
3/8" THICK
RUDDER SHOE
BRONZE CASTING - ALL SURFACES TO BE 3/8" THICK EXCEPT WHERE SHOWN.
1 1/2" = 1'
SQUARE END FOR EMERGENCY TILLER
TILLER ARM BRONZE
KEYWAY
1 1/4" AQUAMET 17
1/4" SS (316)
HOLE FOR SHAFT
1 1/4" AQUMET 17
RUDDER
1 1/2" = 1'
1 3/8" AQUAMET 17 COAT SHAFTING
PROPELLER - 3 BLADE
DIA - 22"
PITCH 15"
DEVELOPED AREA RATIO - .5
HOSE
45° ELBOW 1 1/2" PIPE SIZE
TANK
S.D.O. FILL TERMINATES 3" FROM TANK BOTTOM
TYPICAL FILL DETAIL
3/4" PIPE-VENT FITTING
6" I.D. BOLTED "CLEAN OUT" PLATE
1 1/2" PIPE FILL FITTING SEE DETAIL
BAFFEL
SUCTION - 3/4" PIPE NIPPLE 4" LONG
DRILL & TAP FOR 10-32 UNF THREAD FOR "TANK TENDER" GAUGE.
TOP
SIDE
FRESH WATER TANK
PORT SHOWN — STARBOARD OPPOSITE
3/4" = 1"
END.
DRILL & TAP FOR 10-32UNF THREAD FOR "TANK TENDER" FUEL GAUGE. IN CENTER OF COVER PL
6" ID BOLTED "CLEAN OUT" PLATE
VENT - 3/4" PIPE COUPLING
1/4" PIPE COUPLING RETURN
1 1/2" PIPE FILL SEE DETAIL
BAFFEL
1/4" PIPE COUPLING SUCTION
FUEL TANK
MATERIAL: S.S. TYPE 304 - .144" THICK
NOTE: ALL TANK DIMENSIONS SHOWN ARE INSIDE OF TANK
DRAWING FOR CUSTOMER REFERENCE ONLY
Actual construction may vary.
Specifications and equipment subject to change.
Items indicated not necessarily provided.
3 BATTERY BOXES RELOCATED
2 F.O. & WATER TANK VENTS INCREASED
1 ENGINE, REDUCTION GEAR & EXHAUST CHANGED
5-5-87 FB
3 ADDED TAPPED HOLE IN TANK TOPS FOR GAUGE FITTING
2 CHANGED TANKS' VENT FITTINGS
1 RELOCATED F.W. TANK FILL LOCATION
12/10/82 C.A.
ALT. NO. ITEM NO DESCRIPTION DATE
ALTERATIONS
JAMES S. KROGEN & CO., INC.
NAVAL ARCHITECTS • MARINE ENGINEERS
3333 RICE STREET
MIAMI, FLORIDA 33133
KADEY KROGEN YACHTS INC.
MACHINERY ARRGT & DETAILS
MANATEE 36
DATE 11/29/82
SCALE 1/2" = 1
CHECKED
APPROVED
DWG. NO. 473-7
ALT. NO.
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